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FAX COVER SHEET

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DATE: April 10, 2002

TOTAL # OF PAGES (INCLUDING THIS COVER SHEET): 5

TO: Examiner Jeffrey Fredman
Group Art Unit 1637

FAX #: 703-305-3014

FIRM NAME: U.S. Patent and Trademark Office

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COMMENTS:

Attached please find:

Proposed Amendment (4 pages)

First Named Inventor:

Eric Henderson et al.

Application No.:

09/574,519

Filing Date:

May 18, 2000

Application Title:

Method and Apparatus for Solid State Molecular Analysis

Our Docket No.:

7164.01

Faxed:

April 10, 2002

Scott A. Marks
Originator's Signature

Original will be sent via:

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Reference#

3280-454357-4

#20/Amend
E (NE)
4/22/02

Dkt 7164.01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Henderson et al.

Serial No.: 09/574,519

Group Art Unit: 1637

Filed: May 18, 2000

Examiner: J. Fredman

Title: Method and Apparatus for Solid State Molecular Analysis

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PROPOSED AMENDMENT

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Dear Sir:

The below proposed new claims are submitted for discussion during our interview on Thursday, April 11, 2002 at 11:00 EST. These proposed claims are in regards to the Office Action mailed on March 20, 2002.

IN THE CLAIMS

Proposed new claims 93-97 as follows:

93. A molecular array for characterizing molecular interaction events, comprising:
- (a) a substrate; and
 - (b) at least one discrete molecular deposition domain on said substrate wherein the spatial address of the domain is less than one micron in area and each domain includes a biologically or chemically based molecule [directly] deposited on the substrate.
94. A method for the processing of an array comprising:
- (a) forming an array on a substrate, the array comprising a plurality of deposition domains [formed of a deposition material], at least two of the domains further comprising different deposition samples;